

CLAIMS:

1. An additive for a hydraulic material which comprises a polyamine compound having a hydrocarbon group of 4 - 30 carbon atoms as a side chain (1) as an essential component.
2. An additive for a hydraulic material according to claim 1, wherein said polyamine compound further comprises as a side chain (2) at least one group selected from the class consisting of oxyalkylene groups of 2 - 4 carbon atoms; -COOZ (wherein Z stands for a hydrogen atom, an univalent metal, a divalent metal, an ammonium group, an organic amine group, or a -(R²O)_n-R³, wherein R²O stands for one member or a mixture of two or more members selected from oxyalkylene groups of 2 - 18 carbon atoms, n stands for an average addition mol number of oxyalkylene groups (R²O) and is in the range of 1 - 500, and R³ stands for a hydrogen atom or a hydrocarbon group of 1 - 3 carbon atoms); and -SO₃W (wherein W stands for a hydrogen atom, an univalent metal, a divalent metal, an ammonium group, or an organic amine group).
3. An additive for a hydraulic material according to claim 2, wherein said side chain (2) is -COOZ (wherein Z stands for a hydrogen atom, an univalent metal, a divalent metal, an ammonium group, an organic amine group, or a -(R²O)_n-R³, wherein R²O stands for one member or a mixture of two or more members selected from oxyalkylene groups of 2 - 18 carbon atoms, n stands for an average addition mol number of oxyalkylene groups (R²O) and is in the range of 1 - 500, and R³ stands for a hydrogen atom or a hydrocarbon group of 1 - 3 carbon atoms).

4. An additive for a hydraulic material according to any one of claims 1 - 3, wherein said polyamine compound further comprises -COOZ' (wherein Z' stands for a hydrocarbon group of 1 - 3 carbon atoms) as a side chain (3).

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5. An additive for a hydraulic material according to claim 4, wherein said side chain (3) is present at a ratio of not more than 2.4 per one side chain (1).

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6. An additive composition for a hydraulic material comprising at least one additive for a hydraulic material set forth in any of claims 1 - 5 and a dispersing agent.